



Recombinant Hepatitis B virus Surface Antigen M-protein (DAGC048)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Species	HBV
Purity	over 95% (see SDS-PAGE data)
Conjugate	Unconjugated
Applications	ELISA, WB
Reconstitution	For 100 µg vial, added 500 µL of water to the vial that makes a antigen solution at 0.2 mg/mL in PBS.
Format	Lyophilized
Size	100 µg
Buffer	Lyophilized from PBS, containing 1% sucrose.
Preservative	None
Storage	Store at -20°C.

BACKGROUND

Introduction	Hepatitis B virus (HBV) expresses three types of surface antigens, i.e. S-, M-, and L-protein. L-protein is composed of S-, Pre-S2, and Pre-S1 region. The deletion of Pre-S1 region forms M-protein and further deletion of Pre-S2 region results in S-protein. Most of commercially available HBsAg is composed of either S-protein alone or a mixture of S and M-proteins. The Pre-S1 region is known to be the hepatic cell recognition site and to be important in the HBV infection. The present product, HBsAg, M-protein (M antigen) is a particulate antigen composed of M
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protein, and can be used as a tool to investigate the mechanism of HBV infection, ELISA and others. The product is genotypes C.

Keywords

HBsAg M-protein; HBsAg; middle HBV surface protein; MHBs
